



Appropriate Technology for the World's People, Design: UNIV-392 / HNRS-392 / PSC-392
With a final paper: UNIV-492 / PSC-492

For technical *and* nontechnical students
GE AREA F, Tech Elective for many Engineering Departments

Class: MW 4:10 PM – 5:30 PM, with
Activity: M 6:10 PM – 9:00 PM or T 8:10 AM – 11:00 AM
 I am willing to negotiate minor schedule conflicts.

The “design and build” appropriate technology class. We study challenges for the world's poor along with proposed solutions, failures, and accomplishments: innovations in technology and human and societal responses. Groups of students work together to design technical solutions for an underserved community – a group that started with our class went to Uganda summer 2016 and published results. (<http://www.sciencedirect.com/science/article/pii/S2352728516300653>) Sometimes we find solutions, sometimes we bond with a community overseas, but we always learn much about the struggles and strengths of others, and reflect on those of our own society. No technical experience necessary because everyone has some different insight to offer. Some students are from engineering and some are from the arts. Everyone working together provides a diversity of problem-solving tools and insights. See last year's class website: <https://appropriatetechnology.wikispaces.com/Development+Fall+2016>

Questions? Please contact Pete Schwartz: pschwartz@calpoly.edu